

Set	Items	Description
S1	401638	PDA OR PDAS OR (PERSONAL OR PORTABLE?)() (DIGITAL OR INFORMATION)() (ASSISTANT? OR DEVICE?) OR (MOBILE? OR PORTABLE? OR HANDHELD? OR HAND()HELD? OR WIRELESS? OR CELL? OR WAP OR WAPS)-(3N) (DEVICE? OR UNIT? OR PHONE? OR TELEPHONE? OR COMPUTER? OR PC OR ORGANIZ
S2	50566	PALM? ? OR PALMTOP? OR LAPTOP? OR BLACKBERRY? OR ELECTRONIC?()ORGANI?
S3	19193634	TYPE? OR ATTRIBUT? OR CHARACTERISTIC? OR CLASS?? OR CLASSIFICAT? OR CATEGOR? OR FORMAT? OR TRAIT? OR PROPERT? OR FEATUR? OR FUNCTIONALIT? OR PARTICULAR? OR PROTOCOL?
S4	11334994	PLURAL? OR MULTI OR MULTIP? OR MANY OR MULTIT? OR MORE(2W)-ONE OR TWO(2W)MORE OR SEVERAL? OR NUMEROUS? OR GROUP? ? OR ARRAY? OR COLLECTION?
S5	10034473	SELECT? OR CHOOSE? OR CHOSE? OR CHOIC? OR OPT OR OPTS OR OPTING OR ELECT? OR PICK? OR PREFER?
S6	793125	REQUEST? OR ASK OR ASKS OR ASKED OR ASKING OR INQUIR? OR INTERROG? OR PACKET? OR MESSAGE?
S7	4019860	RESPON? OR ANSWER? OR REPLY? OR REPLIE? OR RETORT?
S8	3351909	CONFIGUR? OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR RECONFIGUR? OR INDIVIDUALIZ? OR INDIVIDUALIS? OR (CUSTOM? OR TAILOR)() (MAKE? OR MAKING OR MADE) OR (SET OR SETS OR SETTING)()UP OR RECONCIL? OR COORDINAT? OR OVERRID? OR CONVERT? OR CONV
S9	2698271	NETWORK? OR LAN OR WAN OR LANS OR WANS OR INTERNET? OR ETHERNET? OR INTRANET? OR EXTRANET? OR ONLINE? OR WORLD()WIDE()WEB OR SUBNET? OR SUB() (NET OR NETS)
S10	44235	HTML OR XML OR EXTEN?() (MARKUP OR MARK?()UP)
S11	83981	S1:S2(10N) (S4 OR S9:S10)
S12	9808	S11 AND S3(7N)S1:S2
S13	4222	S12 AND S5:S7
S14	1179	S12 AND S8
S15	537	S13 AND S14
S16	458	S15 AND S1:S2(5N) (S4 OR S9:S10)
S17	77	S13:S15 AND S5 AND S6:S7 AND S8
S18	470	S16:S17
S19	160	S18 AND PY<2000
S20	138	RD (unique items)

? show files

File 2:INSPEC 1969-2005/Jul W2
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/Jul W2
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2005/Jul W2
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jul W2
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/Jun
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Jul W3
(c) 2005 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2005/May W5
(c)2005 Japan Science and Tech Corp(JST)

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jun
(c) 2005 The HW Wilson Co.

File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Jul 19
(c) 2005 The Gale Group

File 144:Pascal 1973-2005/Jul W2
(c) 2005 INIST/CNRS

File 256:TecInfoSource 82-2005/Jun
(c) 2005 Info.Sources Inc

20/3,K/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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5968978 INSPEC Abstract Number: B9808-6210L-167, C9808-5620L-050

Title: Wireless links in fieldbus networks

Author(s): Caban, D.; Zielinski, B.

Author Affiliation: Inst. Inf. Teoretycznej i Stosowanej, Poland

Journal: Zeszyty Naukowe Politechniki Slaskiej, Seria: Informatyka
no.34 p.529-37

Publisher: Wydawnictwo Politech. Slaskiej,

Publication Date: 1998 Country of Publication: Poland

CODEN: ZNPIET ISSN: 0208-7286

SICI: 0208-7286(1998)34L:529:WLFN;1-7

Material Identity Number: H071-98008

Language: Polish

Subfile: B C

Copyright 1998, IEE

...Abstract: exist to connect between the processing units, however, standardization works are in progress. There are **many types** of **wireless transmission devices**. The most popular are wireless **LAN** adapters, radiomodems and **packet** controllers. The difference between them is in the way data is processed between and during transmission.

Wireless transmission devices may be used to create a wireless **network** or to create a wireless segment of wired network. Possible **configurations** are presented. In the simple fieldbuses which are based on RS-232C standard (e.g. Modbus) any of these **configurations** can be easily realized with use of radiomodems or **packet** controllers. If the network is more complicated or the required transmission speed is higher, LAN...

...Identifiers: **packet** controllers

1998

20/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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5638607 INSPEC Abstract Number: B9709-6210L-003, C9709-5620L-001

Title: Using channel state dependent packet scheduling to improve TCP throughput over wireless LANs

Author(s): Bhagwat, P.; Bhattacharya, P.; Krishna, A.; Tripathi, S.K.

Author Affiliation: IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA

Journal: Wireless Networks vol.3, no.1 p.91-102

Publisher: Baltzer,

Publication Date: 1997 Country of Publication: Netherlands

CODEN: WINEF8 ISSN: 1022-0038

SICI: 1022-0038(1997)3:1L.91:UCSD;1-K

Material Identity Number: C276-97002

Language: English

Subfile: B C

Copyright 1997, IEE

Title: Using channel state dependent packet scheduling to improve TCP throughput over wireless LANs

Abstract: In recent years, a variety of **mobile computers** equipped with **wireless communication devices** have become popular. These computers use applications and protocols, originally developed for wired desktop hosts, to **communicate** over **wireless** channels. Unlike wired **networks**, **packets** transmitted on wireless channels are often subject to burst errors which cause back to back **packet** losses. We study the effect of burst **packet** errors and error recovery mechanisms employed in wireless MAC protocols on the performance of transport protocols such as TCP. Most wireless LAN link layer protocols recover from **packet** losses by retransmitting lost segments. When the wireless channel is in a burst error state...

... the wireless channel. Furthermore, in the event of multiple sessions sharing a wireless link, FIFO **packet** scheduling can cause the HOL blocking effect, resulting in unfair sharing of the bandwidth. This observation leads to a new class of **packet** dispatching methods which explicitly take wireless channel characteristics into consideration in making **packet** dispatching decisions. We compare a variety of channel state dependent **packet** (CSDP) scheduling methods with a view towards enhancing the performance of transport layer sessions. Our results indicate that by employing a CSDP scheduler at the **wireless LAN device** driver level, significant improvement in channel utilization can be achieved in typical wireless LAN **configurations**.

...Descriptors: **packet** switching

Identifiers: channel state dependent **packet** scheduling...

...burst **packet** errors...

...FIFO **packet** scheduling...

... **packet** dispatching decisions

1997

20/3,K/48 (Item 12 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04958468 E.I. No: EIP98034093650

Title: Formal method for synthesizing optimized protocol converters and its application to mobile data networks

Author: Tao, Zhongping; Bochmann, Gregor v.; Dssouli, Rachida

Corporate Source: Nortel Technology, Ottawa, Ont, Can

Source: Mobile Networks and Applications v 2 n 3 Dec 1997. p 259-269

Publication Year: 1997

CODEN: 002498 ISSN: 1383-469X

Language: English

Title: Formal method for synthesizing optimized protocol converters and its application to mobile data networks

...Abstract: information networks are expanding rapidly, we expect to integrate voice, paging, electronic mail and other **wireless** information services. Interworking **units** that perform **protocol conversion** at the boundaries of different **networks** will play an important role. In this paper, we propose an efficient algorithm for constructing optimized **protocol converters** to achieve interoperability between heterogeneous data networks. This algorithm first derives constraints from two given protocols, and apply the constraints to channel specifications, thus removing **message** sequences that do not contribute to system progress. Then, an optimized **converter** is generated from a given service specification, the two protocol specifications and the modified channel...

...services. Compared with related works, our method has two advantages: (1) it generates an optimized **converter**; (2) it can be applied to the case that the service specification is nondeterministic. The...

Descriptors: ***Network k protocols**; Algorithms; **Mobile** telecommunication systems; **Communication** channels (information theory); Heuristic methods; Data communication systems

Identifiers: Mobile data networks; Protocol **converter**

20/3,K/87 (Item 6 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

02066122 JICST ACCESSION NUMBER: 94A0533958 FILE SEGMENT: JICST-E
An Adaptive Protocol for Mobile Communication .
TANAKA RIEKO (1); TSUKAMOTO MASAHIKO (2)
(1) Shapu Sofutoweaken; (2) Shapu Johogiken
Joho Shori Gakkai Kenkyu Hokoku, 1994 , VOL.94,NO.39(OS-64 DPS-65),
PAGE.1-6, FIG.2, REF.9
JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654 621.396.73
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

An Adaptive Protocol for Mobile Communication .
, 1994

ABSTRACT: In this paper, we propose a new strategy for **mobile communication** and a **protocol** based on it. To support host mobility, a router is generally required to notify the location of a mobile host to other routers, and to forward **packets** to the mobile host. By adaptively **selecting** notification method and forwarding method, the total traffic of control and data **packets** can be reduced under diverse network **configuration** (e.g., network topology) and wide range of mobility characteristics(e.g., migration frequency). The notion of adaptive support for **mobile communication** can be applied to IP **networks** , CLNP **networks** , and wireless **LANs** . (author abst.)

...DESCRIPTORS: **packet**

...BROADER DESCRIPTORS: **selection ;**

20/3,K/92 (Item 1 from file: 144)
DIALOG(R) File 144:Pascal
(c) 2005 INIST/CNRS. All rts. reserv.

14529276 PASCAL No.: 00-0194017

Packet **data over cellular networks: The CDPD approach**
SALKINTZIS A K

Univ of British Columbia, Vancouver BC, Canada

Journal: IEEE Communications Magazine, 1999 , 37 (6) 152-159

Language: English

Packet **data over cellular networks: The CDPD approach**
1999

Cellular digital **packet** data is a mobile **packet** data technology that operates on the spectrum assigned to a **telephone cellular network** , such as the Advanced **Mobile Phone** Service. This article undertakes a thorough survey of the CDPD radio interface and explores the...

... emphasizes several significant aspects such as the medium access procedure, the forward and reverse channel **configurations** , the data multiplexing scheme, and the channel hopping procedure.

English Descriptors: Cellular digital **packet** data (CDPD); Data link layers; Convergence protocols; Theory; **Packet networks** ; Interfaces (computer); Radio links; **Network protocols** ; Linguistics; Data **communication** systems; Telecommunication services; **Cellular telephone** systems

20/3,K/138 (Item 42 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00118565 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows CE (633119)

TITLE: CE-ing Is Believing: This bird's-eye view of 103 ultramobile...
AUTHOR: Epp, Tracy
SOURCE: Mobile Computing & Communications, v10 n8 p97(6) Aug 1999
ISSN: 1047-5567
HOMEPAGE: <http://www.mobilecomputing.com>

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

REVISION DATE: 19991030

...virtual purchasing. All of the programs listed in the buyers' guide are available in one **configuration** or another for direct downloading from the Web. Some products are full-functioned and ready...

...for a vendor-set period of time or do not provide one or more important **features** of the commercial version. Platforms supported are **handheld** PCs, **handheld** PC professionals, and **Palm** PCs. **Many** products can run on **multiple** platforms, but some software works on one or two platforms only. The most current version...

DESCRIPTORS: Handhelds & Palmtops; Mobile Computing; Software **Selection** ;
Windows CE
1999

Set	Items	Description
S1	348415	PDA OR PDAS OR (PERSONAL OR PORTABLE?) () (DIGITAL OR INFORMATION) () (ASSISTANT? OR DEVICE?) OR (MOBILE? OR PORTABLE? OR HANDHELD? OR HAND()HELD? OR WIRELESS? OR CELL?) (3N) (DEVICE? OR UNIT? OR PHONE? OR TELEPHONE? OR COMPUTER? OR PC OR ORGANIZER? OR COMMUNIC
S2	27884	PALM? ? OR PALMTOP? OR LAPTOP? OR BLACKBERRY? OR ELECTRONIC? () ORGANI?
S3	4089284	TYPE? OR ATTRIBUT? OR CHARACTERISTIC? OR CLASS?? OR CLASSIFICAT? OR CATEGOR? OR FORMAT? OR TRAIT? OR PROPERT? OR FEATUR? OR FUNCTIONALIT?
S4	3660695	PLURAL? OR MULTI OR MULTIP? OR MANY OR MULTIT? OR MORE (2W) - ONE OR TWO (2W) MORE OR SEVERAL? OR NUMEROUS? OR GROUP? ? OR ARRAY? OR COLLECTION?
S5	5753333	SELECT? OR CHOOSE? OR CHOSE? OR CHOIC? OR OPT OR OPTS OR OPTING OR ELECT? OR PICK? OR PREFER?
S6	402043	REQUEST? OR ASK OR ASKS OR ASKED OR ASKING OR INQUIR? OR INTERROG? OR PACKET? OR MESSAG?
S7	661888	RESPON? OR ANSWER? OR REPLY? OR REPLIE? OR RETORT?
S8	448150	CONFIGUR? OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR RECONFIGUR? OR INDIVIDUALIZ? OR INDIVIDUALIS? OR (-CUSTOM? OR TAILOR) () (MAKE? OR MAKING OR MADE) OR (SET OR SETS OR SETTING) () UP
S9	495038	NETWORK? OR LAN OR WAN OR LANS OR WANS OR INTERNET? OR ETHERNET? OR INTRANET? OR EXTRANET? OR ONLINE? OR WORLD() WIDE() WEB
S10	7984	HTML OR XML OR EXTEN? () (MARKUP OR MARK? () UP)
S11	1222839	IC=G06F?
S12	1619726	MC=(T01? OR W01? OR W02?)
S13	27581	S1:S2 AND S3 AND (S4 OR S9:S10)
S14	12436	S13 AND S1:S2 (10N) (S4 OR S9:S10)
S15	3983	S14 AND S3 (10N) S1:S2
S16	3093	S15 AND S11:S12
S17	3983	S15:S16
S18	187	S17 AND S5:S7 AND S8
S19	2250	S17 AND S3 (5N) S1:S2 AND S1:S2 (5N) (S4 OR S9:S10)
S20	167	S19 AND S8
S21	99	S20 AND S5:S7
S22	255	S18 OR S20:S21
S23	837244	PR=2001:2005
S24	209	S22 NOT S23
S25	209	IDPAT (sorted in duplicate/non-duplicate order)

? show files

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200545

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?

25/3,K/80 (Item 80 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016066101 **Image available**

WPI Acc No: 2004-223952/200421

Related WPI Acc No: 2001-181345; 2001-315249; 2001-520299; 2001-637770;
2003-624991; 2004-429717

XRPX Acc No: N04-176858

Automatic real-time personalized intelligence system has service processor for processing channel selection, server selection and personalization selection for each subscriber based on information obtained from channel databases

Patent Assignee: MICROSTRATEGY INC (MICR-N)

Inventor: FISHMAN P J; LANGSETH J; TALWAR A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6694316	B1	20040217	US 99126055	P	19990323	200421 B
			US 2000488920	A	20000121	

Priority Applications (No Type Date): US 99126055 P 19990323; US 2000488920
A 20000121

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6694316	B1	35	G06F-017/30	Provisional application US 99126055

Automatic real-time personalized intelligence system has service processor for processing channel selection, server selection and personalization selection for each subscriber based on information obtained from channel databases

Abstract (Basic):

... processor to specified subscriber output devices. The service processor is provided for processing the channel **selection**, server **selection** and **personalization selection** for each subscriber based on information obtained from the channel databases.

... The service process generates the report by an **online** analytical processing (OLAP) system that includes the processing results for channel, service and **personalization** inputs for each subscriber. The OLAP system processes reports against the information contained in the channel databases. A subscription receiver obtains the subscriptions from **several** users, in which each subscription includes the channel **selection**, channel service and **personalized feature** for each service of each channel **selected**. The channel databases contains information about different subject matters e.g. finance channel, sports channel...

...An INDEPENDENT CLAIM is included for the delivery of **personalized** intelligence to subscribers...

...For subject-based channel distribution of automatic, real-time delivery of **personalized** information and transactional data...

...Provides **several** channels of personal intelligence content to enable subscribers to more specifically **choose** the content they desire to receive. Enables users to more easily identify the content they want and provides more options to **customize** fees that may be charged to the subscriber. Provides content from which **personalized** intelligence **network** actively delivers highly **personalized** and timely informational and transactional content to subscribers via email, spreadsheet programs, pager, **telephone**, **mobile** phone, fax,

personal digital assistants , HTML email, and other formats to generate revenues from subscription fees, transactional fees, bundling fees and advertising fees. Includes local...

...The figure is a schematic diagram showing the flow of information in the personalized intelligence network .

...Title Terms: SELECT ;
International Patent Class (Main): G06F-017/30
Manual Codes (EPI/S-X): T01-J05B4P ...

... T01-N01A2A ...

... T01-N02B2A ...

... W02-F10E3 ...

... W02-F10X

25/3,K/81 (Item 81 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016054469 **Image available**
WPI Acc No: 2004-212320/200420
Related WPI Acc No: 2004-118407
XRPX Acc No: N04-168109

Data reconciliation between a computer and a mobile data collection terminal, involves transferring data structure, obtained by transforming data acquired from remote site, to host computer over wireless communications network

Patent Assignee: SYMBOL TECHNOLOGIES INC (SYMB-N)
Inventor: FUCCELLO J; GERNERT A M; HERROD A; SCHAEFER D E; WALTERS R S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6694366	B1	20040217	US 9883551	P	19980429	200420 B
			US 98166816	A	19981005	

Priority Applications (No Type Date): US 9883551 P 19980429; US 98166816 A 19981005

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6694366	B1	19	G06F-015/173	Provisional application US 9883551

Data reconciliation between a computer and a mobile data collection terminal, involves transferring data structure, obtained by transforming data acquired from remote site, to host computer over wireless communications network

Abstract (Basic):

... The method involves transferring a transformed data structure to a host **computer** over a **wireless communications network**. The data, acquired at a remote side, are transformed into a data structure in a **mobile computer** terminal in accordance with the data field **characteristics** required by the application program running on the host computer.

... The **mobile computer** terminal is used to automatically acquire data at the remote side in **response** to the data acquisition program running on the **mobile computer** terminal. The operating **characteristics** of the **mobile computer** terminal are configured to correspond to the data field **characteristics** required by the application program running on the host computer. The **configuration** process involves receiving information about the required data field **characteristics** from the host **computer** over the **wireless communications network**.

...For data **formatting**, database updating, synchronization and reconciliation between a host or server **computer** and **mobile** data **collection** terminals...

...Provides an application that can easily handle the **formatting** and ordering issues that arise when data are entered into a **mobile computer** terminal for eventual incorporation into an application located on a host computer. Provides an application that prevents the loss of data when interruptions in the wireless **network** occur. Provides an application that can easily handle freshness issues...

...The figure is a block diagram showing a **mobile computer network**.

...Title Terms: **NETWORK**
International Patent Class (Main): **G06F-015/173**
Manual Codes (EPI/S-X): **T01-C03C ...**

... **T01-N02A2C ...**

... **W01-C01D3C**

25/3,K/124 (Item 124 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014153613 **Image available**
WPI Acc No: 2001-637832/200173
XRPX Acc No: N01-476662

**Programmable bridging apparatus for wireless communication system,
has network interface electronically configured to operate with
different signal formats**

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: CORNILS C L; HUTCHINGS W J; SILVERTHORN L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6269252	B1	20010731	US 9885685	A	19980527	200173 B

Priority Applications (No Type Date): US 9885685 A 19980527
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6269252	B1	8	H04B-001/36	

**Programmable bridging apparatus for wireless communication system,
has network interface electronically configured to operate with
different signal formats**

Abstract (Basic):

... A user interface (58) delivers software program to bridge (56) from user. One of **network** interface is electronically **reconfigured** to operate with different signal **formats** . The bridge connection is **reconfigured** by changing software program executed by processors in bridge. The **network** interface **communicates** a **wireless** signal with external **communication networks** (52A-52N) using different signal **formats** , through channels (58A-58N).

... Each **network** interface converts **wireless communication** signal between signal **format** used by an associated external **wireless communication network** and a common signal **format** . The bridge establishes a bridge connection between external communication **network** . An INDEPENDENT CLAIM is also included for multichannel radio...

...For **wireless communication** system...

...Provides inoperability between **multiple** previously incompatible **networks** , because bridge apparatus converts all received signal to a common signal **format** . Enables to be easily adapted to changing system requirement, since the bridging function is implemented in software. Provides a wide range of bridging function between **networks** , by providing a high level of software-based control to a user. Provides a highly...

...Wireless **network** (52A-52N...

...Title Terms: **NETWORK** ;

Manual Codes (EPI/S-X): W01-B05A1A ...

... W02-C03C1A

25/3,K/133 (Item 133 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014051775 **Image available**
WPI Acc No: 2001-535988/200159
Related WPI Acc No: 2001-397508; 2001-397513; 2001-397531; 2001-615930
XRPX Acc No: N01-398086

Internet radio method and apparatus for remotely configuring a wireless communication device remotely configures format for providing content on wireless communication device for 1st user and 2nd one for 2nd user

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: GUBKA S S; HEDE W S; LEE J S; WEISSHAAR B P; WHARTON K E;
BHASKARAN P; GERANEN S; KNAPPENBERGER D T; SMITH M
Number of Countries: 093 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122713	A1	20010329	WO 2000US25932	A	20000921	200159 B
AU 200076005	A	20010424	AU 200076005	A	20000921	200159
US 6829475	B1	20041207	US 99155500	P	19990922	200480
			US 2000665095	A	20000920	

Priority Applications (No Type Date): US 2000665095 A 20000920; US 99155500 P 19990922

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200122713	A1	E 33	H04M-011/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200076005	A		H04M-011/00	Based on patent WO 200122713
US 6829475	B1		H04M-003/00	Provisional application US 99155500

Internet radio method and apparatus for remotely configuring a wireless communication device remotely configures format for providing content on wireless communication device for 1st user and 2nd one for 2nd user

Abstract (Basic):

... The method remotely configures a wireless communication device and remotely configures a format for providing content on wireless communication device for 1st user and 2nd one for 2nd user. It receives configuration data representing the format for the 1st user and the format for the 2nd user from a remote network . It provides selected content from content downloaded from the network .

... An independent claim describes a method of remotely configuring a wireless communication device .

...

...As a method and an apparatus for remotely configuring a wireless communication device .

...

...The drawing shows a system diagram of the Internet gateway network .

...Title Terms: **CONFIGURATION** ;
International Patent Class (Additional): **G06F-013/00** ...

... **G06F-015/16**
Manual Codes (EPI/S-X): **T01-H** ...

... **T01-M02** ...

... **W01-A01A** ...

... **W01-C05**

25/3,K/134 (Item 134 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014037531 **Image available**

WPI Acc No: 2001-521744/200157

Related WPI Acc No: 2001-607321; 2002-238393; 2002-416959; 2005-365362

XRPX Acc No: N01-386660

Communication extension for cell phone to access website, involves
storing ID data received through internet and enabling access by
wireless device using WAP, based on received request and ID data and
stored ID data

Patent Assignee: MSHIFT INC (MSHI-N)

Inventor: MOELLER S; NDILI A

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133807	A2	20010510	WO 2000US30393	A	20001102	200157 B
AU 200114627	A	20010514	AU 200114627	A	20001102	200157

Priority Applications (No Type Date): US 99163115 P 19991102

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200133807 A2 E 31 H04L-029/06

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200114627 A H04L-029/06 Based on patent WO 200133807

Communication extension for cell phone to access website, involves
storing ID data received through internet and enabling access by
wireless device using WAP, based on received request and ID data and
stored ID data

Abstract (Basic):

... The ID data transmitted from wireless device is received
over internet (25) operating under HTTP protocol and stored. The
communication including the identification and request to access
website is received through network adapting WAP from the wireless
device. The communication is configured for wireless device
using stored information so that wireless device communicating
under WAP access the website.

... a) System for extending communication from wireless device
;

...b) System for extending communication to a wireless device ;
(...

...c) Server coupled to a mobile device
...

...For wireless device e.g. cell phone , PCS phone , handheld
device such as PALM organizer for extending bandwidth for accessing
websites...

...Provides automatic data entry to websites contacted by mobile device

using WAP. Pushes user interactive **features** to **mobile devices**, and hence allows the user to connect to websites by **selecting** user interactive **features** .

...

...The figure shows the block diagram for **communication** extending from **wireless device** .

...

... **Internet** (25

...Title Terms: **REQUEST** ;

Manual Codes (EPI/S-X): **W01-A06B7** ...

... **W01-A06C4** ...

... **W01-A06E1** ...

... **W01-A06G3** ...

... **W01-A07G** ...

... **W01-B05A1A** ...

... **W01-C05B3** ...

... **W02-C03C1A**

25/3,K/144 (Item 144 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013492431 **Image available**
WPI Acc No: 2000-664374/200064
XRPX Acc No: N00-492331

Mobile communication device initializing method in mobile communication network, involves configuring mobile communication device to make dispatch call relative to desired dispatch calling option selected by user

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: NORDEMAN R D
Number of Countries: 092 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6134450	A	20001017	US 99366099	A	19990802	200064 B
WO 200110062	A1	20010208	WO 2000US20154	A	20000724	200110
AU 200062356	A	20010219	AU 200062356	A	20000724	200129
KR 2002026560	A	20020410	KR 2002701491	A	20020202	200267
CN 1367957	A	20020904	CN 2000811207	A	20000724	200281
KR 417360	B	20040205	WO 2000US20154	A	20000724	200437
			KR 2002701491	A	20020202	

Priority Applications (No Type Date): US 99366099 A 19990802

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6134450	A	8	H04J-003/12	
WO 200110062	A1 E		H04B-007/26	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200062356	A		H04B-007/26	Based on patent WO 200110062
KR 2002026560	A		H04B-007/26	
CN 1367957	A		H04B-007/26	
KR 417360	B		H04B-007/26	Previous Publ. patent KR 2002026560 Based on patent WO 200110062

Mobile communication device initializing method in mobile communication network, involves configuring mobile communication device to make dispatch call relative to desired dispatch calling option selected by user

Abstract (Basic):

... The received browsable database entry is displayed on the display of mobile communication device (116) in a specific format, with a dispatch calling option corresponding to the dispatch tag. The mobile communication device is then configured to make a dispatch call corresponding to the desired dispatch calling option selected by the user of the device.

... The database entry received from a database (122) on request, is formatted with a mark-up language, to provide a browsable database entry. The entry has a format and dispatch tag corresponding to the dispatch call type. The browsable database entry is then transmitted to the mobile communication device connected to the network server (120) through the air network interface...

...For initializing **mobile communication devices** to make dispatch call, in time division **multiple** access (TDMA) and code division **multiple** access (CDMA) **cellular mobile communication** system capable of providing **network** browser support to mobile stations...

...The **mobile communication device** displays information according to a specific **format** , thereby allowing the user to **select** dispatch calling options such as making a private dispatch call, sending a dispatch alert or page, or making a fleet or **group** call. Reduces the need for storing calling number, beforehand, thereby reducing the need for semi-permanent memory in **mobile communication device** . Provides convenience to **mobile** users when specific party to be called is unknown, allowing the user to search the database to locate an appropriate party. Solves the problem of locating dispatch calling information and **configuring mobile communication device** to perform desired communication operation when the calling number of party to be called is...

...The figure shows the schematic diagram of **mobile communication** system....

... **Mobile communication device** (116...

... **Network** server (120

...Title Terms: **NETWORK** ;

Manual Codes (EPI/S-X): **W01-A06E1A** ...

... **W01-B05A1A** ...

... **W02-C03C1A** ...

... **W02-K02B1**

25/3,K/153 (Item 153 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013166805 **Image available**
WPI Acc No: 2000-338678/200029
XRPX Acc No: N00-254214

Network information retrieval method for laptop computer, involves
retrieving and formatting network information in accordance with
configuration file

Patent Assignee: SONY ELECTRONICS INC (SONY); SONY CORP (SONY)

Inventor: KARMELO C R; SUGIARTO B A

Number of Countries: 087 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200014640	A1	20000316	WO 99US19619	A	19990827	200029 B
AU 9956953	A	20000327	AU 9956953	A	19990827	200032
EP 1116117	A1	20010718	EP 99943965	A	19990827	200142
			WO 99US19619	A	19990827	
US 20020002596	A1	20020103	US 98146717	A	19980903	200207
KR 2001073097	A	20010731	KR 2001702748	A	20010302	200209
JP 2003504698	W	20030204	WO 99US19619	A	19990827	200320
			JP 2000569318	A	19990827	

Priority Applications (No Type Date): US 98146717 A 19980903

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200014640 A1 E 21 G06F-012/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9956953 A G06F-012/00 Based on patent WO 200014640

EP 1116117 A1 E G06F-012/00 Based on patent WO 200014640

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

US 20020002596 A1 G06F-015/16

KR 2001073097 A G06F-017/30

JP 2003504698 W 23 G06F-012/00 Based on patent WO 200014640

Network information retrieval method for laptop computer, involves
retrieving and formatting network information in accordance with
configuration file

Abstract (Basic):

... The system server (20) responds to the information request
by uploading one or more request -servicing modules and identifies the
requesting user. The server(20) then retrieves and formats the
network information in accordance with the configuration file. Then
the formatted information is formatted to user's access device (6)
for display.

... The user configuration files associated with user, specifies
one or more types of information to be retrieved and how the
information is to be formatted, is stored in database server (8). An
INDEPENDENT CLAIM is also included for system for retrieving
information from network .

...

...For laptop computer, cellular telephone, personal organizer,

palm -top computer. Also for retrieving information such as financial news, sport news, science news from **LAN** , **internet** .

...

...Allows user to **customize** the retrieval and display of **network** information. Enables to retrieve personal information from **network** , through user **configuration** file

Title Terms: **NETWORK** ;

International Patent Class (Main): **G06F-012/00** ...

... **G06F-015/16** ...

... **G06F-017/30**

International Patent Class (Additional): **G06F-013/00**

Manual Codes (EPI/S-X): **T01-F05G5** ...

... **T01-H07C5S** ...

... **T01-M06A1A**

25/3,K/158 (Item 158 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012933917 **Image available**
WPI Acc No: 2000-105764/200009
XRPX Acc No: N00-081242

Information transfer system for linking multiple communication systems
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: SHARRIT J P; SHEPARD J W
Number of Countries: 083 Number of Patents: 010
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9963728	A1	19991209	WO 99US12079	A	19990528	200009 B
AU 9942248	A	19991220	AU 9942248	A	19990528	200021
US 6185205	B1	20010206	US 9888008	A	19980601	200109
EP 1084555	A1	20010321	EP 99926088	A	19990528	200117
			WO 99US12079	A	19990528	
KR 2001034865	A	20010425	KR 2000712898	A	20001117	200164
MX 2000011614	A1	20010501	MX 200011614	A	20001124	200227
JP 2002517952	W	20020618	WO 99US12079	A	19990528	200242
			JP 2000552823	A	19990528	
AU 754023	B	20021031	AU 9942248	A	19990528	200282
MX 221710	B	20040726	WO 99US12079	A	19990528	200535
			MX 200011614	A	20001124	
IL 138876	A	20050517	IL 138876	A	19990528	200537

Priority Applications (No Type Date): US 9888008 A 19980601

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9963728	A1	E	27 H04L-029/06	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW				
AU 9942248	A		H04L-029/06	Based on patent WO 9963728
US 6185205	B1		H04L-012/66	
EP 1084555	A1	E	H04L-029/06	Based on patent WO 9963728
Designated States (Regional): DE FI FR GB IT NL SE				
KR 2001034865	A		H04L-029/06	
MX 2000011614	A1		H04L-012/66	
JP 2002517952	W	32	H04L-029/06	Based on patent WO 9963728
AU 754023	B		H04L-029/06	Previous Publ. patent AU 9942248
				Based on patent WO 9963728
MX 221710	B		H04L-012/66	Based on patent WO 9963728
IL 138876	A		H04L-012/66	Based on patent WO 9963728

Information transfer system for linking multiple communication systems

Abstract (Basic):

... A group of wireless interface units (12a-12n) and wired interface units (14a-14n) are coupled to a switch (16) which transfer signals, having common signal format between the switch and interface units. The switch is configurable to selectively connect the interface units for enabling communication.

... Each of the wireless/wired interface unit is capable of converting a signal between a unique wireless/wired signal format and a common signal format. The unique wireless signal format is

different for different **wireless** interface **units** . Each **wireless** interface **units** is coupled to antennas (25a-25n) through antenna ports (24a-24n). Each wired interface unit...

...For linking **multiple** communication systems. For stationary application e.g. base station, home implementation and mobile application e...

...As large number of signal **formats** are provided, interoperability between system can be implemented...

...Title Terms: **MULTIPLE** ;

International Patent Class (Additional): **G06F-015/16** ...

Manual Codes (EPI/S-X): **W01-A06G3** ...

... **W01-B05A1A** ...

... **W02-C03C1A**

25/3,K/160 (Item 160 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012853599 **Image available**
WPI Acc No: 2000-025431/200003
Related WPI Acc No: 2000-224462
XRPX Acc No: N00-019086

Delivering information from a network of computers to wireless communication devices over different wireless networks
Patent Assignee: TELEPHONE COMMUNICATION INC (TELE-N); PHONECOM INC (PHON-N); PHONE.COM JAPAN KK (PHON-N); PHONE.COM INC (PHON-N); OPENWAVE SYSTEMS INC (OPEN-N)

Inventor: BOYLE S S; FOX M A; RAMASUBRAMANI S
Number of Countries: 029 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 959600	A1	19991124	EP 99303352	A	19990429	200003 B
JP 2000078207	A	20000314	JP 99122918	A	19990428	200024
CN 1244087	A	20000209	CN 99105377	A	19990430	200026
KR 99083618	A	19991125	KR 9915479	A	19990429	200055
US 6314108	B1	20011106	US 9870668	A	19980430	200170

Priority Applications (No.Type Date): US 9870668 A 19980430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 959600	A1	E 33	H04L-029/06	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 2000078207	A	24	H04L-012/66	
CN 1244087	A		H04Q-007/20	
KR 99083618	A		H04L-012/28	
US 6314108	B1		H04J-003/16	

Delivering information from a network of computers to wireless communication devices over different wireless networks

Abstract (Basic):

... Wireless **network** carriers using different combinations of **network type** and protocol are coupled to a **network** of computers by an **airlink configured** for the particular combination of **network type** and protocol. Each **airlink** operates to exchange data with particular **wireless communication devices** via the **wireless network** carriers associated with it.

... The system (200) includes **several wireless communication devices** (202-206) that include a processing unit and a display screen.

Several wireless network carriers (208-212) each provides **wireless communication** services to the **wireless communication devices**. The **wireless network** carriers use a different combination of **network type** and transport protocol. A **network** of computers (216-220), one or more of which contain information. A **multi - network gateway** (214) couples the **wireless network** carriers to the **network** of computers to allow data transfer between them. Each **wireless network** carrier using the different combination of **network type** and protocol is coupled to the **network** of computers by an **airlink configured** for the particular combination of **network type** and protocol. Each **airlink** operates to exchange data with particular **wireless communication devices** via the **wireless network** carriers associated with it. INDEPENDENT CLAIMS are also given for...

...a) a gateway between wireless **network** carriers and the **Internet** ;
 (...)

...b) a method for exchanging data between the **Internet** and **wireless communication devices** ;
 (...)

...c) a method for providing data from a wired **network** to **wireless communication devices** ;
 (...)

...d) a computer readable medium containing program code for interactive data exchange between a wired **network** and **wireless communication devices** ; and...

...e) a computer readable medium containing program code for providing data from a wired **network** to **wireless communication devices** .
 ...

...For delivery of information from a **network** of **computers** to **wireless communication devices** . For e.g. **Personal digital assistant** (**PDA**) etc. Using e.g. Cellular digital **packet** data (CDPD), global system for **mobile communications** (GSM), code division **multiple** access (CDMA) and time division **multiple** access (TDMA). Protocols may be **Internet** protocol (IP), short **messaging** system (SMS) and unstructured supplementary service data (USSD)...

...Increases the efficiency of resource use by eliminating need for each carrier **network** or information provider to provide their own gateway **network** . Reduces costs to software developers...

... **Wireless communication devices** (202-206...

...Wireless **network** carriers (208-212...

... **Network** of computers (216-220...

... **Multi - network** gateway (214

...Title Terms: **NETWORK** ;

Manual Codes (EPI/S-X): **W01-A03B** ...

... **W01-A06B7** ...

... **W01-A06C4** ...

... **W01-A06E1** ...

... **W01-A06G2** ...

... **W01-A06G3** ...

... **W01-A07G** ...

... **W01-B05A1A** ...

... **W01-C05B3J** ...

... **W02-C03A1A**

25/3,K/163 (Item 163 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012460359 **Image available**
WPI Acc No: 1999-266467/199923
XRPX Acc No: N99-198752

Providing customized internet content to a requesting client
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: HIMMEL M A
Number of Countries: 006 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2331600	A	19990526	GB 9816401	A	19980729	199923 B
JP 11194983	A	19990721	JP 98297899	A	19981020	199939
CN 1225479	A	19990811	CN 98122423	A	19981118	199950
KR 99044848	A	19990625	KR 9842599	A	19981012	200036
US 6167441	A	20001226	US 97976405	A	19971121	200103
JP 3184802	B2	20010709	JP 98297899	A	19981020	200140
TW 449707	A	20010811	TW 98109089	A	19980608	200237
KR 311191	B	20011115	KR 9842599	A	19981012	200240
GB 2331600	B	20021113	GB 9816401	A	19980729	200282

Priority Applications (No Type Date): US 97976405 A 19971121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2331600	A		37	G06F-017/30	
JP 11194983	A		13	G06F-013/00	
CN 1225479	A			G06F-015/163	
KR 99044848	A			G06F-009/00	
US 6167441	A			G06F-015/16	
JP 3184802	B2		14	G06F-013/00	Previous Publ. patent JP 11194983
TW 449707	A			G06F-017/30	
KR 311191	B			G06F-009/00	Previous Publ. patent KR 99044848
GB 2331600	B			G06F-017/30	

Providing customized internet content to a requesting client

Abstract (Basic):

... A request for a file from a web server is intercepted, and client device capability information is detected by an agent at a web server which parses the header information of the request. The request is redirected to a Uniform Resource Locator (URL) according to the detected capability information to retrieve a version of the requested file.

... International web applications that cover many different types of device e.g. palmtops, laptops, PC's, WebTV...

Title Terms: CUSTOMISATION;

International Patent Class (Main): G06F-009/00 ...

... G06F-013/00 ...

... G06F-015/16 ...

... G06F-015/163 ...

... G06F-017/30

International Patent Class (Additional): G06F-012/00

Manual Codes (EPI/S-X): W01-A06B7 ...

... W01-A06E1

25/3,K/169 (Item 169 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011686329 **Image available**
WPI Acc No: 1998-103239/199810
XRPX Acc No: N05-080434

Multi -**frequency**, multi -**protocol** wireless communication device ,
e.g. cellular telephone , **self-adapts to various operating**
frequencies/protocols to allow two-way communication of information
including voice, data, graphics or video signals

Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: DAANE J; JAGGI S; ROSTOKER M D
Number of Countries: 020 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 822667	A2	19980204	EP 97303668	A	19970602	199810 B
JP 10084584	A	19980331	JP 97167561	A	19970624	199823
US 6006105	A	19991221	US 96691745	A	19960802	200006

Priority Applications (No Type Date): US 96691745 A 19960802

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 822667	A2 E	16	H04B-001/40	
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
JP 10084584	A	19	H04Q-007/38	
US 6006105	A		H04B-001/38	

Multi -**frequency**, multi -**protocol** wireless communication device ,
e.g. cellular telephone , **self-adapts to various operating**
frequencies/protocols to allow two-way communication of information
including...

...Abstract (Basic): NOVELTY - The **wireless communication device** (22)
includes an RF transceiver for sending and receiving RF signals
carrying information input by an operator in the cellular communication
system, and an adaptation circuit (72) conveying **communication**
signals in the **wireless communication device** between the
transceiver and the operator input and output devices. The adaptation
circuit includes two adaptation branches (72a,72b) that provides
conversion of information between different first and second **formats** ,
standards or protocols and human- intelligible or other
machine-processable forms...

...DETAILED DESCRIPTION - The communication device also includes a
microcontroller (58) **selectively** activating one of the adaptation
branches and detecting when a communication signal processed by one of
the branches in **response** to its activation results in a
human-intelligible or machine-processable form, so that the
microcontroller thereafter maintains activation of the adaptation
branch to adapt the **wireless communication device** for
communication of the information in the **cellular telephone**
communication system. The adaption circuit provides conversion of
information between the human-intelligible or machine-processable form
and a **format** /standard **selected** from GSM, CDMA, TDMA, **wireless**
communication system data transfer, fiber channel, serial link (QAM,
QPSK) or Firewire protocols, or motion picture experts **group** (MPEG)
MPEG1, MPEG2 or MPEG4 (wavelet) standards...

...USE - Multi -frequency, multi -protocol wireless communication device , e.g. cellular telephone , portable personal communication device or desk top personal computer, for allowing two-way communication of information including voice, data...

...ADVANTAGE - Wireless communication device is configured to self adapt to various operating frequencies and communication protocols that may be present in the cellular communication environment so that the device is able to provide communications in several service areas even though the frequencies of operation and the communication protocols in use in...

...DRAWING(S) - The drawing shows a schematic functional block diagram of a portion of the wireless communication device .

...

... Wireless communication device (22

Title Terms: MULTI ;

Manual Codes (EPI/S-X): T01-C03A ...

... T01-C03C ...

... T01-M06A ...

... W01-A07G ...

... W01-C01D3C ...

... W01-C01G4 ...

... W02-C03C1C ...

... W02-F08B3 ...

... W02-G02A1 ...

... W02-K05A1 ...

... W02-K05A7 ...

... W02-K05B3

25/3,K/179 (Item 179 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010620342 **Image available**

WPI Acc No: 1996-117295/199612

Related WPI Acc No: 1989-375882; 1990-015030; 1990-036847; 1990-038486;

1991-022352; 1991-177575; 1991-192823; 1991-222501; 1991-238268;
1991-309917; 1991-376728; 1992-065165; 1992-226317; 1992-234788;
1992-316350; 1993-052656; 1993-058968; 1993-109607; 1993-134788;
1993-143210; 1993-143213; 1993-196337; 1993-235232; 1994-007755;
1994-065167; 1994-126682; 1994-144387; 1994-159234; 1994-167807;
1994-176598; 1994-199601; 1994-234159; 1994-235004; 1994-294520;
1994-302444; 1994-302523; 1994-341095; 1994-358604; 1994-366416;
1995-007139; 1995-022207; 1995-161294; 1995-185973; 1995-199943;
1995-231948; 1995-240279; 1995-240809; 1995-320734; 1995-358224;
1995-392715; 1996-010193; 1996-010195; 1996-077236; 1996-105449;
1996-239052; 1996-251310; 1996-260261; 1996-260265; 1996-260266;
1996-267891; 1996-309018; 1996-353913; 1996-362054; 1996-370872;
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Hierarchical communication system providing intelligent data, program and processing migration - uses spanning tree configuration of wired and wireless networks with different characteristics to link portable and mobile computing devices

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				Designated States (National): AU CA	
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... uses **spanning tree** configuration of wired and wireless networks with different characteristics to link portable and mobile computing devices

...Abstract (Basic): The communications **network** has **several** computing devices, at least one of which is a mobile terminal having a **wireless** transceiver. The **communications network** has **several** access devices arranged in a **spanning tree configuration** to support communication among the computing devices...

...At least one of the access devices is **configured** to **selectively** intercept, store and forward **requested** data, thereby reducing traffic on the communications **network**. Pref., the access devices are **configured** to **selectively** intercept and store **requested** processing resources for future processing, thereby reducing traffic on the communications **network**.

...Abstract (Equivalent): A radio unit for operation in a communication system having a **plurality** of RF communication **networks** comprising

...a transceiver capable of participating on the **plurality** of RF communication **networks** ;

...

...a memory device which stores a **plurality** of communication protocols, each communication protocol governing radio operation on one of the **plurality** of RF communication **networks** ;

...

...a control processor coupled to the transceiver and the memory device, the control processor **selecting** from the memory device ones of the **plurality** of communication protocols to enable the transceiver to simultaneously participate on corresponding ones of the **plurality** of RF communication **networks** ; and...

...the control processor managing the simultaneous use by the transceiver of the **selected** ones of the **plurality** of communication protocols

...Title Terms: **CONFIGURATION** ;

Manual Codes (EPI/S-X): **T01-H07C** ...

... **W01-A03B** ...

... **W01-A06B4** ...

... **W01-A06B5A** ...

... **W01-A06C2** ...

... **W01-A06C4** ...

... **W01-A06G2** ...

... **W01-A06G3**

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MOBILE DATA COMMUNICATION SYSTEM

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APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
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MOBILE DATA COMMUNICATION SYSTEM

ABSTRACT

... a communication protocol control program of an adaptor of a mobile terminal equipment from a **network** in the case of the **mobile communication** system...

... terminal equipment 9 to make communication. In this case, the data signal converter 8 is **selected** and started depending on a **communication class** of the **mobile** data terminal equipment 3 to **set up** a data communication negotiation protocol link between the adaptor 2 and the data signal converter...

... signal converter 8 loads a data communication protocol control program to the adaptor 2 in **response** to the communication **type** on **request** of the adaptor 2 to **set up** a data communication protocol link between the adaptor 2 and the data signal converter 8...